

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-4 (Canceled).

Claim 5 (Currently Amended): An information processing apparatus, comprising:
a movement trail recognizing unit configured to, based on an image obtained by photographing a recognition subject by an image pickup unit, recognize the movement trail of said recognition subject;

a control unit configured to generate a predetermined recognizable movement direction image picture in advance for making a user visualize said recognizable movement direction and displaying it on a predetermined display unit; and

a transformation unit, configured to transform said movement trail recognized by said movement trail recognizing unit to correspond with said displayed predetermined recognizable movement direction.

Claim 6 (Previously Presented): The information processing apparatus according to claim 5, wherein said control unit notifies said user, by displaying as said recognizable movement direction image picture a plurality of marks of a predetermined shape sequentially arranged in a predetermined direction on said display unit, that said movement trail unit can recognize the movement direction of said recognition subject in said predetermined direction.

Claim 7 (Previously Presented): The information processing apparatus according to claim 6, wherein said control unit colors said marks of a predetermined shape in a different color from that of a background image on said display unit.

Claim 8 (Currently Amended): A method of showing a recognizable movement comprising:

a movement trail recognizing step of, based on an image obtained by photographing a recognition subject by an image pickup unit, recognizing the movement trail of said recognition subject;

an image generation processing step of, generating a predetermined recognizable movement trail image picture in advance for making a user visualize said recognizable movement direction which can be recognized by said movement direction recognizing processing step;

a display processing step of displaying said recognizable movement direction image picture generated by said image generation processing step in predetermined display means;

transforming said movement trail recognized by said movement trail recognizing step to correspond with said displayed predetermined recognizable movement direction.

Claim 9 (Currently Amended): A program storage medium causing an information processing apparatus to execute a program, wherein said program comprises:

a movement trail recognizing processing step of, based on an image obtained by photographing a recognition subject by an image pickup unit, recognizing the movement trail of said recognition subject;

an image generation processing step of, generating a predetermined recognizable movement direction image picture in advance for making a user visualize said movement recognizable direction which can be recognized by said movement direction recognizing processing step; and

a display processing step of displaying said recognizable movement direction image picture generated by said image generation processing step on a predetermined display unit; and

transforming said movement trail recognized by said movement trial recognizing step to correspond with said displayed predetermined recognizable movement direction.

Claims 10-13 (Canceled).

Claim 14 (Previously Presented): The information processing apparatus according to claim 5, wherein the control unit is configured to, while not recognizing the movement trail of said recognition subject, generating a predetermined standby state image indicating that said movement trail recognizing unit is searching for said recognition subject in said image and displaying the standby state image on the predetermined display unit.

Claim 15 (Previously Presented): The information processing apparatus according to claim 14, wherein said control unit alternately displays, as said standby state image, a plurality of marks of a predetermined shape sequentially arranged in a predetermined direction, in said direction and in a reverse direction thereof in order.